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Listing of Claims:

1. (Currently Amended) A method of defining a user interface for a computer program, comprising:

after execution of the computer program has begun, <u>automatically</u> defining a user interface of the program by:

reading a function description of a first function to be provided by the user interface on the fly at run time, the function description including logic for selecting an appearance of the user interface based on a geographic location of a user of the computer program on the fly at run time, the function description comprising instructions for handling to handle user interface events;

executing the logic on the fly at run time included in the function description to select an appearance description of a first appearance to be presented by the user interface;

associating the function description and the appearance description on the fly at run time into an executable form; and

executing the executable form of the user interface to generate the user interface with the associated function description and appearance description; and

executing logic to independently change one of the function description and the appearance description during program execution.

- 2. (Previously Presented) The method of claim 1, further comprising replacing the function description during program execution while providing a continuity of presentation.
- 3. (Previously Presented) The method of claim 1, further comprising replacing the appearance description during program execution to present logic of the user interface with a different appearance.

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4. (Previously Presented) The method of claim 1, further comprising:

reading a map defining multiple functions to be provided by the user interface including the first function;

reading a fashion defining all appearances to be presented by the user interface including the first appearance;

associating the map and the fashion on the fly at run time; and executing the user interface with the associated map and fashion.

- 5. (Previously Presented) The method of claim 4, further comprising replacing the map during program execution.
- 6. (Previously Presented) The method of claim 4, further comprising replacing the fashion during program execution.
- 7. (Previously Presented) The method of claim 4, wherein the map specifies that a subordinate part of the user interface is specified by a second map-fashion pair.
- 8. (Currently Amended) The method of claim 4, further comprising receiving <u>an</u> event[[s]] from one of the map and the fashion.
- 9. (Currently Amended) The method of claim 8, further comprising executing business logic associated with the respective component received event.
 - 10. 20. (Canceled)
- 21. (Currently Amended) <u>A Computer computer</u>-readable medium to define a user interface for a computer program after execution of the computer program has begun, comprising instructions to:

read a function description of a first function to be provided by the user interface <u>on the</u> <u>fly at run time</u>, the function description <u>comprising instructions to handle user interface events</u>

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including logic for selecting an appearance of the user interface based on a geographic location of a user of the computer program on the fly at run time;

execute <u>on the fly at run time</u> the logic included in the function description to select an appearance description of a first appearance to be presented by the user interface;

associate the function description and the appearance description on the fly at run time; and

execute the user interface with the associated function <u>description</u> and appearance <u>description</u>; and

execute logic to independently change one of the function description and the appearance description during program execution.

- 22. (Previously Presented) The computer-readable medium of claim 21, further comprising instructions to replace the function description during program execution while providing a continuity of presentation.
- 23. (Previously Presented) The computer-readable medium of claim 21, further comprising instructions to replace the appearance description during program execution to present logic of the user interface with a different appearance.
- 24. (Previously Presented) The computer-readable medium of claim 21, further comprising instructions to:

read a map defining multiple functions to be provided by the user interface including the first function;

read a fashion defining all appearances to be presented by the user interface including the first appearance;

associate the map and the fashion on the fly at run time; and execute the user interface with the associated map and fashion.

25. (Previously Presented) The computer-readable medium of claim 24, further comprising instructions to replace the map during program execution.

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26. (Previously Presented) The computer-readable medium of claim 24, further comprising instructions to replace the fashion during program execution.

- 27. (Previously Presented) The computer-readable medium of claim 24, wherein the map specifies that a subordinate part of the user interface is specified by a second map-fashion pair.
- 28. (Currently Amended) The computer-readable medium of claim 24, further comprising instructions to receive <u>an</u> event[[s]] from one of the map and the fashion.
- 29. (Currently Amended) The computer-readable medium of claim 28, further comprising instructions to execute business logic associated with the respective component received event.
 - 30. 36. (Canceled)
- 37. (Previously Presented) The method of claim 1, further comprising customizing a selection base of function descriptions and appearance descriptions based on a geographic location of a user.
- 38. (Previously Presented) The method of claim 1, wherein a selection of at least one of the function description and the appearance description is made according to an environment variable.
- 39. (New) The method of claim 1, further comprising selecting at least one of the function description and the appearance description based on a geographic location of a user of the computer program, wherein the function description is separate from the appearance description.

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40. (New) The method of claim 1, wherein the function description includes the logic to select an appearance description.

- 41. (New) The method of claim 1, wherein the function description includes the logic to independently change one of the function description and the appearance description during program execution.
- 42. (New) The computer-readable medium of claim 21, further comprising instructions to select at least one of the function description and the appearance description based on a geographic location of a user of the computer program, wherein the function description is separate from the appearance description.
- 43. (New) The computer-readable medium of claim 21, wherein the function description includes the logic to select an appearance description.
- 44. (New) The computer-readable medium of claim 21, wherein the function description includes the logic to independently change one of the function description and the appearance description during program execution.
 - 45. (New) A system to define a user interface for a computer program, comprising: a presentation device to present a user interface;
 - a processor configured to perform operations comprising:

reading a function description of a first function to be provided by the user interface on the fly at run time, wherein the function description comprises instructions to handle user interface events;

executing on the fly at run time logic to select an appearance description of a first appearance to be presented by the user interface;

associating the function description and the appearance description on the fly at run time into an executable form;

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executing the executable form of the user interface to generate the user interface with the associated function description and appearance description; and

executing logic to independently change one of the function description and the appearance description during program execution.

- 46. (New) The system of claim 45, wherein the processor is further configured to perform operations comprising replacing the function description during program execution while providing a continuity of presentation.
- 47. (New) The system of claim 45, wherein the processor is further configured to perform operations comprising replacing the appearance description during program execution to present logic of the user interface with a different appearance.
- 48. (New) The system of claim 45, wherein the processor is further configured to perform operations comprising:

reading a map defining multiple functions to be provided by the user interface including the first function;

reading a fashion defining all appearances to be presented by the user interface including the first appearance;

associating the map and the fashion on the fly at run time; and executing the user interface with the associated map and fashion.

- 49. (New) The system of claim 48, wherein the processor is further configured to perform operations comprising replacing the map during program execution.
- 50. (New) The system of claim 48, wherein the processor is further configured to perform operations comprising replacing the fashion during program execution.
- 51. (New) The system of claim 48, wherein the map specifies that a subordinate part of the user interface is specified by a second map-fashion pair.

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52. (New) The system of claim 48, wherein the processor is further configured to perform operations comprising receiving an event from one of the map and the fashion.

- 53. (New) The system of claim 52, wherein the processor is further configured to perform operations comprising executing business logic associated with the received event.
- 54. (New) The system of claim 45, wherein the processor is further configured to perform operations comprising selecting at least one of the function description and the appearance description based on a geographic location of a user of the computer program, the function description being separate from the appearance description.
- 55. (New) The system of claim 45, wherein the function description includes the logic to select an appearance description.
- 56. (New) The system of claim 45, wherein the function description includes the logic to independently change one of the function description and the appearance description during program execution.
- 57. (New) The system of claim 45, wherein the presentation device comprises one or more of a display and a sound input-output device.
- 58. (New) The system of claim 45, wherein the presentation device comprises a telephone.